

Message

From: Sanders, Jason [Jason.Sanders2@tpcgrp.com]
Sent: 12/12/2019 4:10:18 PM
To: Adams, Adam [Adams.Adam@epa.gov]; Jillian Layton [Jillian.Layton@Tceq.Texas.Gov]
CC: Jaschek, Becky [Rebecca.Jaschek@tpcgrp.com]
Subject: FW: PPE Requirements
Attachments: ATT00001.txt

Adam,

Please see the email below. It should address your question related to PPE levels in the work zone. Let me know if you have questions. Thanks!

Jason T. Sanders | EHSS Environmental Manager



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From: Clifton, Christina
Sent: Thursday, December 12, 2019 9:57 AM
To: Harrison, Christopher <Christopher.Harrison@tpcgrp.com>; Cargill, Christopher <Christopher.Cargill@tpcgrp.com>; LaFollette, Michael <Michael.LaFollette@tpcgrp.com>; Gehrke, Brian <Brian.Gehrke@tpcgrp.com>; Park, Johnny <Johnny.Park@tpcgrp.com>; Dorsa, Clayton <Clayton.Dorsa@tpcgrp.com>; Carlton, Doug D. <Doug.Carlton@tpcgrp.com>; Sharpe, Randall <Randall.Sharpe@tpcgrp.com>; Lynn, Gordon <Gordon.Lynn@tpcgrp.com>
Cc: Wright, Michael <Michael.Wright@tpcgrp.com>; Monk, Troy <Troy.Monk@tpcgrp.com>; McDonald, Scott M. <Scott.McDonald@tpcgrp.com>; Smart, Jeremy <Jeremy.Smart@tpcgrp.com>; Holley, Chad <Chad.Holley@tpcgrp.com>; Williams, James <James.Williams@tpcgrp.com>; Sanders, Jason <Jason.Sanders2@tpcgrp.com>; Jaschek, Becky <Rebecca.Jaschek@tpcgrp.com>
Subject: PPE Requirements

All,
I've better identified WHAT respiratory protection is required WHEN. Please be sure to include the following PPE statement in all Work and Safety Plans. This requirement applies to all persons (TPC, contractors, visitors).

PPE to be worn:

- Minimum PPE required: FRC, hard hat, safety glasses with side shields, steel/composite toe boots, hearing protection, gloves
- CTEH technician to accompany each person/group entering facility and conduct air monitoring with appropriate MultiRAE/Ultrarae/Draeger equipment. Air monitoring results (above the BD action level) will determine if respiratory protection is needed as follows:
 - o ≤ 5 ppm Air-purifying respirator with organic vapor and P-100 cartridge. Replace cartridge every 4 hours.
 - o ≤ 10 ppm Air-purifying respirator with organic vapor and P-100 cartridge. Replace cartridge every 3 hours.

- ≤ 25 ppm Air-purifying respirator with organic vapor and P-100 cartridge. Replace cartridge every 2 hours.
- ≤ 50 ppm Air-purifying respirator with organic vapor and P-100 cartridge. Replace cartridge every 1 hours.
- $\leq 1,000$ ppm Supplied-air respirator in a pressure-demand or other positive-pressure mode.
- $> 1,000$ ppm, Supplied-air respirator in a pressure-demand or other positive-pressure mode in combination with an auxiliary SCBA.

Unknown

Concentrations

- Exclusion Zone: Bunker gear, SCBA (upwind may reduce to Air-purifying respirator with organic vapor and P-100 cartridge by following above requirements)
- Personal Flotation Device to be worn when within 3' of flowing water 1 foot or deeper or 3 feet or deeper still bodies of water

Best Regards,

Chrisy Clifton | EHSS Manager – Port Neches and Lake Charles



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